

IM5 (Pediatrics) Critical Thinking Worksheet

Patient Age: 14

Patient Weight:

kg

<p>Student Name: Alexis Villarreal</p>	<p>Unit: PICU Pt. Initials: MC</p>	<p>Date: 8/18/2021</p>
<p>1. Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference): Asthma - constriction of airways due to the bronchial lining reacting to stimulants which causes inflammation and smooth muscle spasms. Mast cells are stimulated to release histamine and leuotriene. Histame causes swelling in smooth muscles by attaching to receptors on the bronchi. It also stimulates the secretion of mucus which blocks the flow of air to reach the alveoli.</p>	<p>2. Factors for the Development of the Disease/Acute Illness: Extrinsic allergens : Pollen (P) patient stated the changes of seasons affects her asthma animals house dust or mold food strong fragances Intrinsic allergens: stress anxiety fatigue temperature or humidity varitions (P)</p>	<p>3. Signs and Symptoms: dyspnea wheezing (P) tightness in chest (P) coughing (productive) rapid pulse (P) diminished breath sounds (P)</p>
<p>4. Diagnostic Tests Pertinent or Confirming of Diagnosis: Sputum analysis Chest X-Rays (P) Arterial Blood Gas</p>	<p>5. Lab Values That May Be Affected: Casts of airway in a sputum anaylysis PACO2 decreased or increased Increased Eosinophils</p>	<p>6. Current Treatment (Include Procedures): Oxygen therapy (P) Inhaled steroids long-acting brochodialtors (P) Corticosteroids relaxtion exercises (P)</p> <p>Atlas of Pathophysiolohy second edition Lippincott Williams & Walkins Meds: Davis's Drug Guide for Nurses fifteenth edition</p>

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<p>7. Pain & Discomfort Management: List 2 Developmentally Appropriate Non-Pharmacologic Interventions Related to Pain & Discomfort for This Patient.</p> <p>1.</p> <p>2.</p> <p>*List All Pain/Discomfort Medication on the Medication Worksheet Click here to enter text.</p>	<p>8. Calculate the Maintenance Fluid Requirement (Show Your Work):</p> <p>Actual Pt MIVF Rate:</p> <p>Is There a Significant Discrepancy? Choose an item.</p> <p>Why?</p>	<p>9. Calculate the Minimum Acceptable Urine Output Requirement (Show Your Work):</p> <p>Actual Pt Urine Output:</p>
	<p>10. Growth & Development: List the Developmental Stage of Your Patient For Each Theorist Below and Document 2 OBSERVED Developmental Behaviors for Each Theorist. If Developmentally Delayed, Identify the Stage You Would Classify the Patient:</p> <p>Erickson Stage:</p> <p>1.</p> <p>2.</p> <p>Piaget Stage:</p> <p>1.</p> <p>2.</p>	

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11. Focused Nursing Diagnosis:	15. Nursing Interventions related to the Nursing Diagnosis in #11: 1. Evidenced Based Practice:	16. Patient/Caregiver Teaching: 1. 2. 3.
12. Related to (r/t):	2. Evidenced Based Practice: 3. Evidenced Based Practice:	
13. As evidenced by (aeb):		
14. Desired patient outcome:		17. Discharge Planning/Community Resources: 1. 2. 3.

